

DERWENT-ACC-NO: 2001-104563

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TITLE: Optical fiber cable, for information transmission, has a coating comprising an organic compound, e.g. polyester, inserted between the layers of a lamellar inorganic compound

TIX:

Optical fiber cable, for information transmission, has a coating comprising an organic compound, e.g. polyester, inserted between the layers of a lamellar inorganic compound

ABTX:

NOVELTY - An optical fiber cable, with a fiber coating layer comprising an organic compound inserted between the layers of a lamellar inorganic compound, is new.

ABTX:

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for production of the above cable. Preferred Features: The inorganic compound is a lamellar mineral oxide, preferably a phyllosilicate (especially montmorillonite or bentonite ), and the organic compound is a polymer, a monomer or an oligomer.

ABTX:

USE - As an optical fiber cable used for information transmission.

ABTX:

Optical fiber 1

TTX:

OPTICAL CABLE INFORMATION TRANSMISSION COATING  
COMPRISE ORGANIC COMPOUND  
POLYESTER INSERT LAYER LAMELLA INORGANIC  
COMPOUND

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	48897	optical adj fiber	USPAT; US-PGPUB
2	BRS	L4	145866	mica clay talc vermiculite kaolinite smectite bentonite montmorillonite	USPAT; US-PGPUB
3	BRS	L7	749	1 and 4	USPAT; US-PGPUB
4	BRS	L10	374293	silicone polyester polurethane polyolefin vinyl	USPAT; US-PGPUB
5	BRS	L13	467	7 and 10	USPAT; US-PGPUB
6	IS&R	L19	4288	(("428/375") or ("428/372") or ("428/379") or ("428/383") or ("428/392") or ("428/391")).CCLS.	USPAT
7	BRS	L20	26	16 and 19	USPAT
8	IS&R	L21	1128	(("385/123") or ("385/145")).CCLS.	USPAT
9	BRS	L22	10	16 and 21	USPAT
10	BRS	L16	226	13 and cable	USPAT; US-PGPUB
11	BRS	L23	43284	(filler additive) same (clay mica talc vermiculite kaolinite bentonite montmorillonite)	USPAT; US-PGPUB
12	BRS	L26	267	1 and 23	USPAT; US-PGPUB
13	BRS	L29	246	10 and 26	USPAT; US-PGPUB
14	BRS	L32	13	29 and 19	USPAT; US-PGPUB
15	BRS	L35	134739	optical adj fiber	EPO; JPO; DERWENT; IBM TDB
16	BRS	L40	96321	mica clay talc vermiculite kaolinite smectite bentonite montmorillonite	EPO; JPO; DERWENT; IBM TDB

	Type	L #	Hits	Search Text	DBs
17	BRS	L45	123	35 and 40	EPO; JPO; DERWENT; IBM TDB
18	BRS	L50	596189	silicone polyester polurethane polyolefin vinyl	EPO; JPO; DERWENT; IBM TDB
19	BRS	L55	34	45 and 50	EPO; JPO; DERWENT; IBM TDB